

RICE UNIVERSITY

Hang in there...

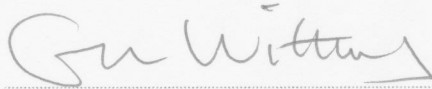
by

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A THESIS SUBMITTED
IN PARTIAL FULFILLMENT OF THE
REQUIREMENTS FOR THE DEGREE

Master of Architecture

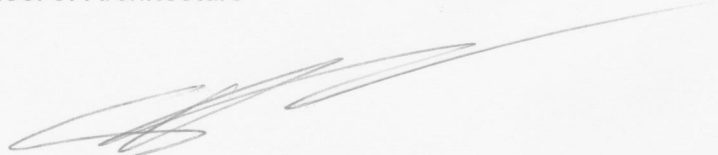
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Notes

by Evio Isaac



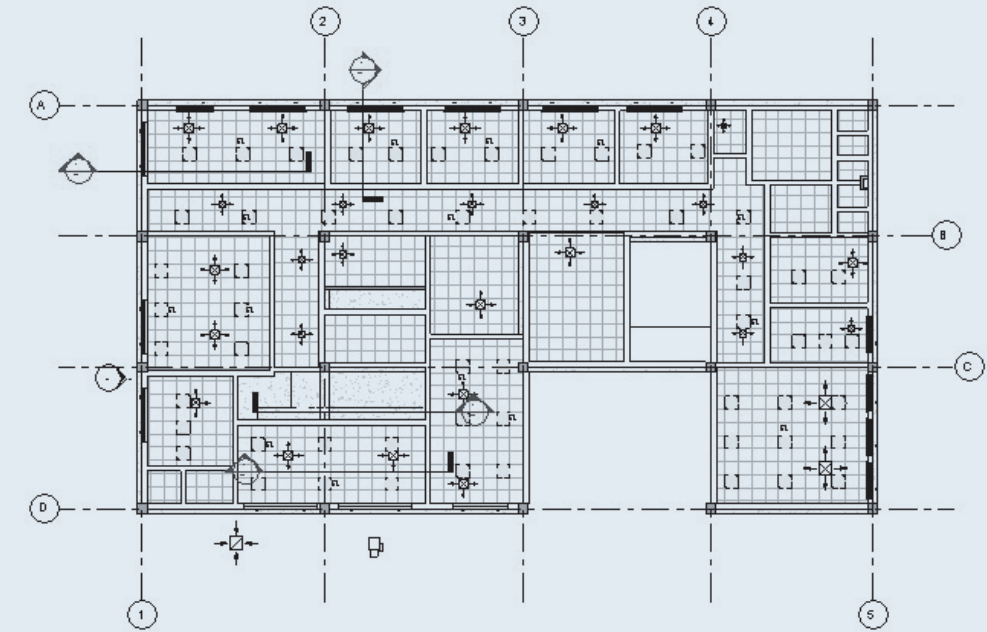
What follows is a primer. It does not attempt to be exhaustive or authoritative. It is the comprehensive resolution of a single instantiation of an architecture of suspense. Hang in there... is not a scientific methodology (it is at most pseudo-scientific). It constructs a vocabulary that designers can use to discuss the coordination of material and immaterial forms to produce affect and sensation. For example, the following imagination of suspense uses a language of banded profiles, and soft geometries, but other explorations of suspense might use a different formal approach, take on other programmatic desires or create different material or climatic resolutions.

Suspense has to do with what belongs to the ceiling. It resolves technical and formal systems with synthetic operations and it finds delight in the forms and weathers beyond flatness and comfort. Suspense has to do with subjectivity. The open plan is a managerial tool. The typical suspended ceiling is the accomplice of the open plan. Together, they serve the agenda of concealed powers systematically eliminating difference (in temperature, in behavior, etc.). Suspense subverts the suspended ceiling system to address the multiplicity and complexity of a new office imaginary. Suspense is an inclusive methodology.

SUSPENDED CEILING, TYP.

REFLECTED CEILING PLAN, TYP.

“The modular repetition of tiles of 600 x 600mm within an aluminum grid repeats to fill up the required space. Its repetition forms an apparent ceiling above our heads, its material quality giving the appearance of being part of the built fabric even though it is, in fact, separate from the structure of the building...



...Unlike the Venturian image of architecture, where the billboard-facade (the sign) is expressed as a distinct element against the body of the building (the signified), here we see the sign and the signified, the image of the building and the building itself, coinciding as the same entity.”

Sam Jacob, *Making It Real*

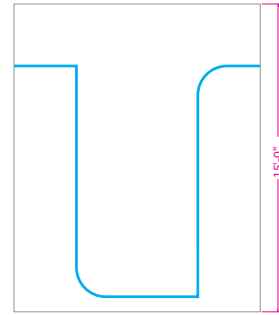
Terms

These definitions and sensations lay out a set of formal and sensorial properties that describe suspense. The terms: profile, suspense, poche, envelope, folds, edges, and faces have to do with spatial qualities and set up a formal order.

The sensations: coolness, warmth, visual blurring, olfactory blurring, aural blurring, and luminosity have to do with the performance of systems enclosed in the ceiling. Attempting to assign a loose envelope to them, explicates their potential to operate in ways that are both spatial and programmatic. They are elements that have dimension and duration.

The details of fuzzy boundaries and the RCPs record the language of suspense and attempt to register formal qualities and sensations to describe an experience.

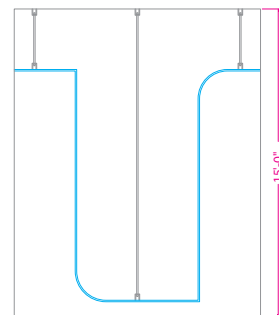
Definitions and Sensations



PROFILE

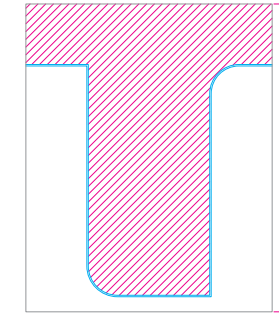
(n.) variable geometries which interrupt an undifferentiated condition.

Profiles increase proximity to interior architecture and produce a planimetric equivalence between space for service and space for the body. Internal weathers become imminent and specific.



SUSPENSE

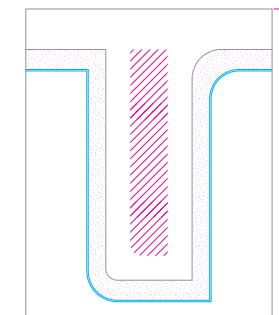
(n.) the state or condition of hanging (from the slab above) and the condition of mental uncertainty or excitement.



POCHE

(n.) the differential space between the slab and the ceiling, including its complementary affects.

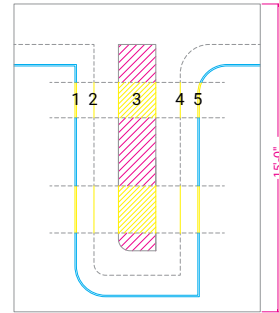
Poche can be sensorial, formal or/and technical.



ENVELOPE

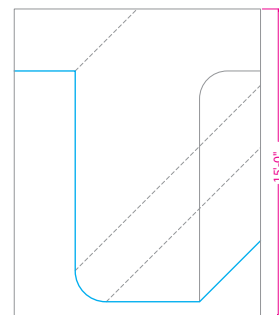
(n.) ceiling, the physical or sensorial boundaries negotiated by the body, the exterior of the interior of an office environment.

A technical surface that mediates spatial negotiations between climates, bodies and equipment.



FOLDS

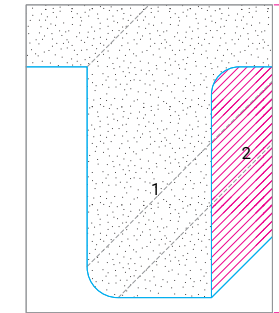
(n.) geometry which doubles itself, capable of amplifying affect by increasing the surface area of service systems and material enclosures.



EDGES

(n.) seams or joints which contour programmatic boundaries.

Edges are coordinated to produce continuous or segmented spaces. A hard edge might signify the end of one area and a soft edge might allow space to continue.



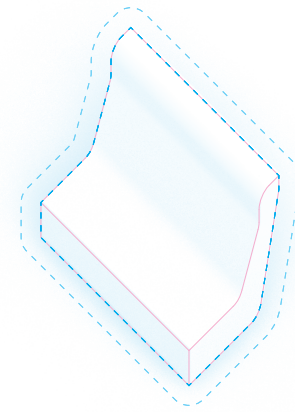
FACES

(n.) formal boundaries that inflect circulation.

Faces present the thickness of the ceiling profile. Depending on their altitude, faces can be denotative or connotative boundary conditions.

“Architecture has more surface and more kinds of surface than anything else: outside, inside, soft, hard, there’s a surface for everyone.”

Sylvia Lavin, *Kissing Architecture*



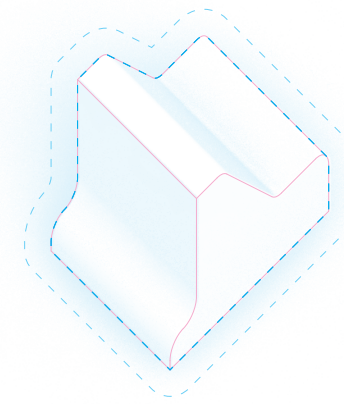
THERMAL ENVELOPE (COOL-COOL)

A zone of noticeably cool air produced by lowering the altitude of the ceiling and enclosed servicing systems. Coolness might connote ambulatory zones.

[Partition Type A \(see details\)](#)

“So long as meteorology presents itself as a natural science and nothing else, it can pass in silence over the question of the weather’s possible author.”

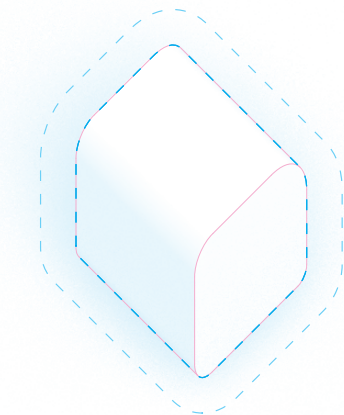
Peter Sloterdijk, *Terror in the Air*



THERMAL ENVELOPE (COOL-HOT)

An envelope of cool air in a differential thermal zone. Pockets of warm and cool air perform as a sensorial enfilade.

[Partition Type B \(see details\)](#)



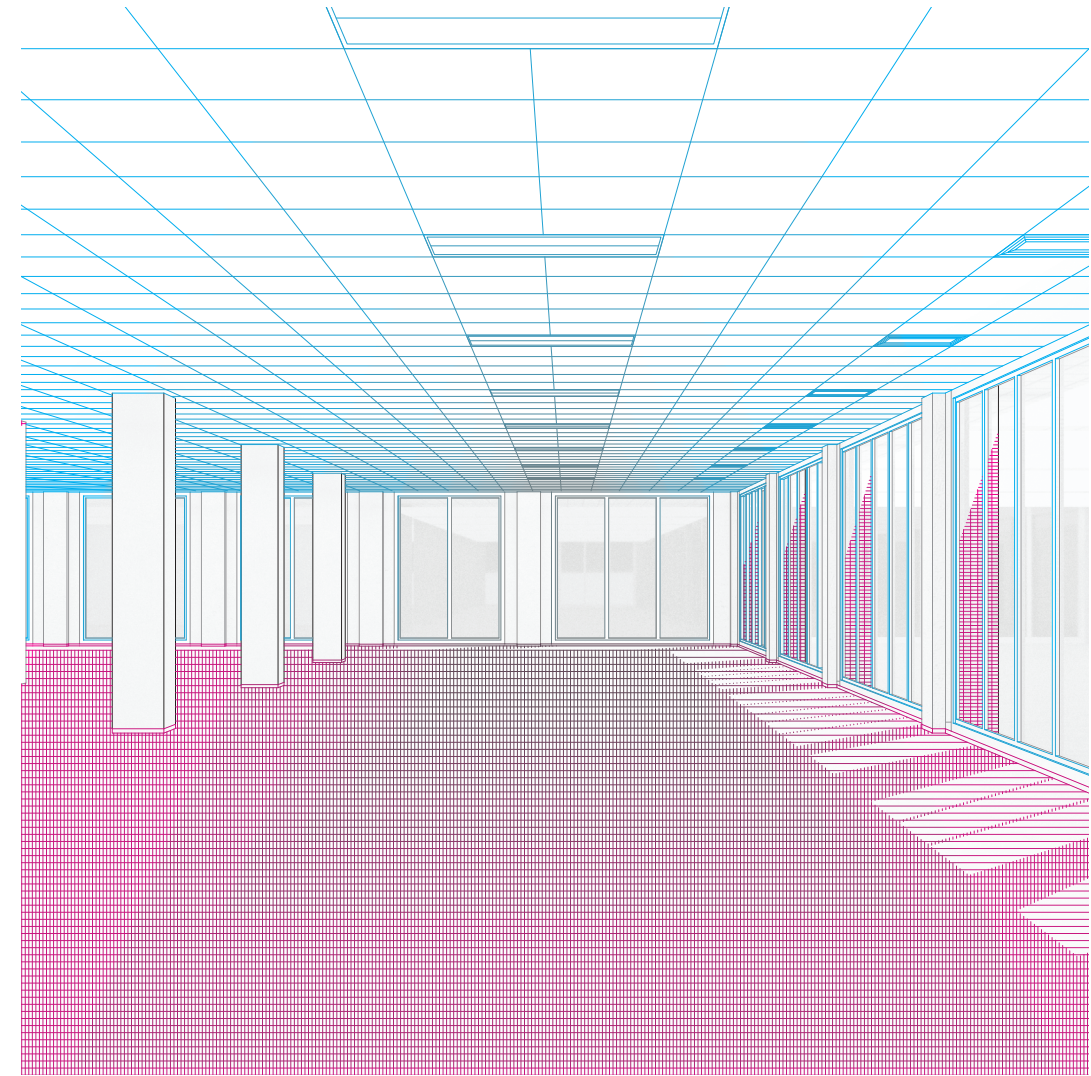
THERMAL ENVELOPE (HOT-COLD)

A small pocket of warm air from an enclosed radiant heating panel. Warm air is used to signify a threshold between ambulatory and stationary zones.

[Partition Type B \(see details\)](#)

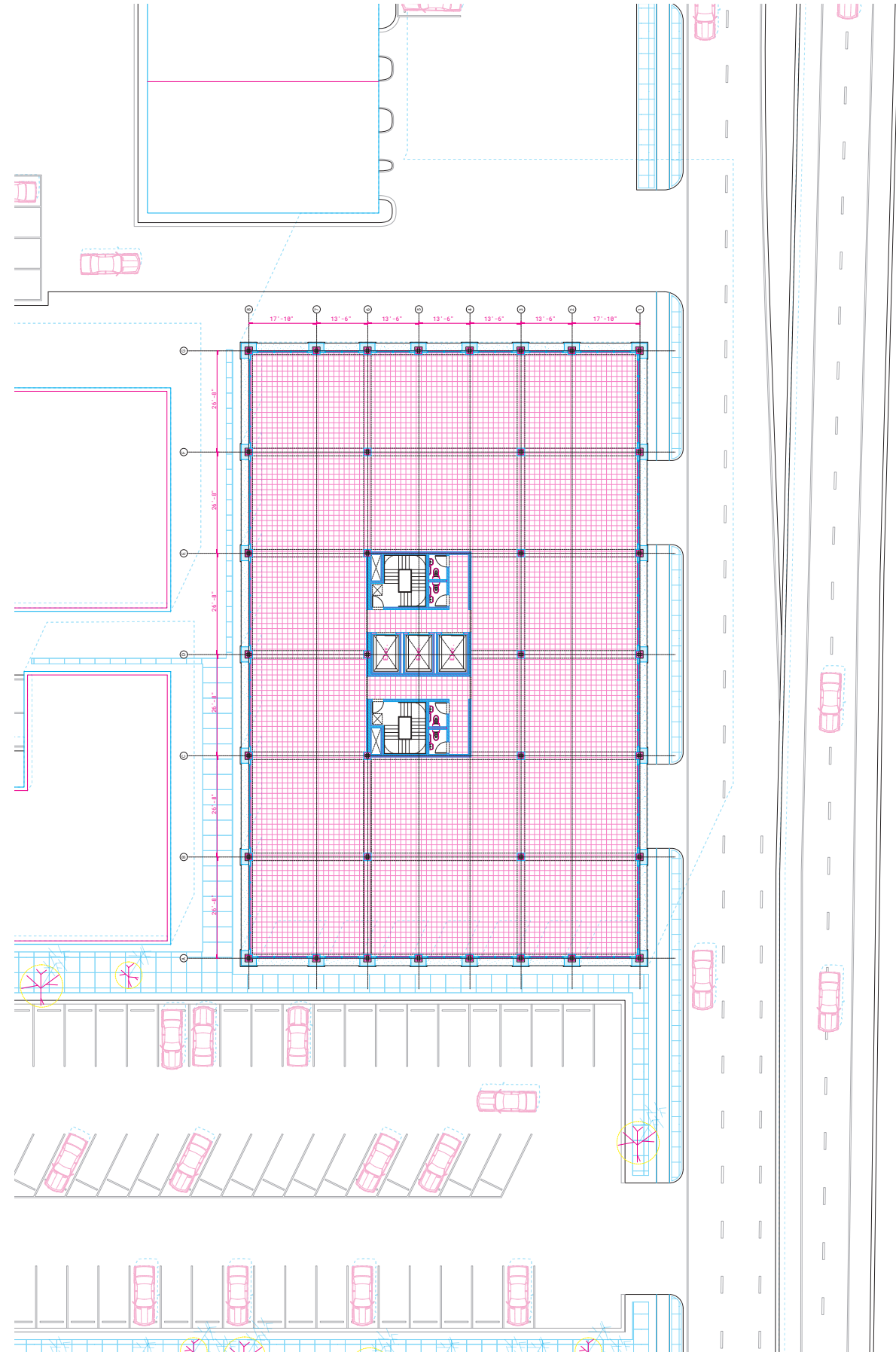
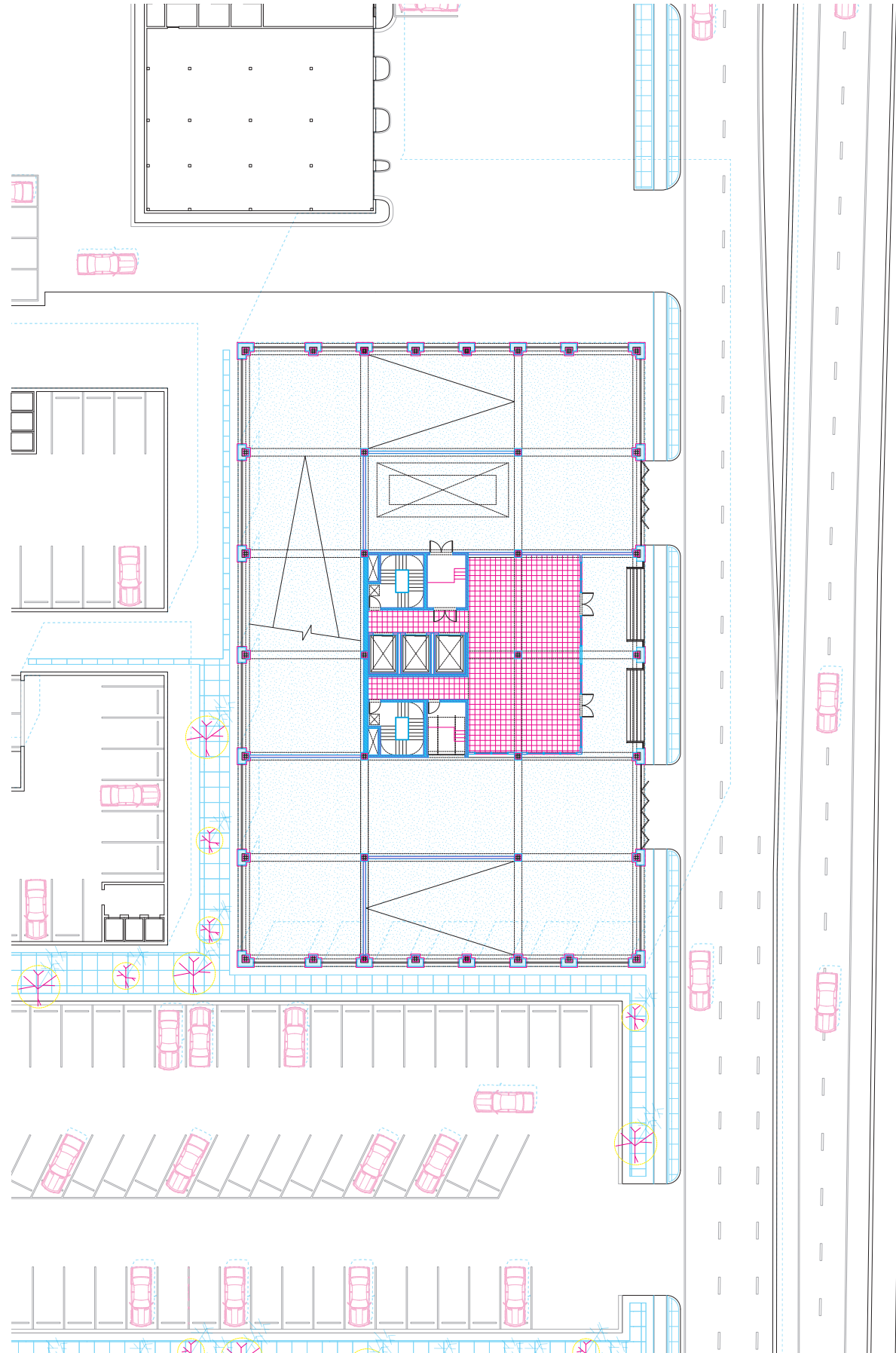
Site

Existing Conditions



The site of this inquiry is the interior of the generic office building. The mode of intervention is the socialization spaces, and climates negotiated by an architecture of suspense. Choosing the generic office as the primary site (and the tenant improvement as a methodology) purposefully sidesteps the normative conventions which typically construe the image of an architectural project at the outset (elevations, sections, perspectives). Instead, plans, and elevations are treated as ready-mades. The proposed tenant improvement operates on surfaces and fixtures allocated above the floor and below the slab. This thesis inaugurates an architecture of suspense to discuss and articulate the politics of interior enclosure and climate as a measure of addressing the emergence of multivalent subjectivities.

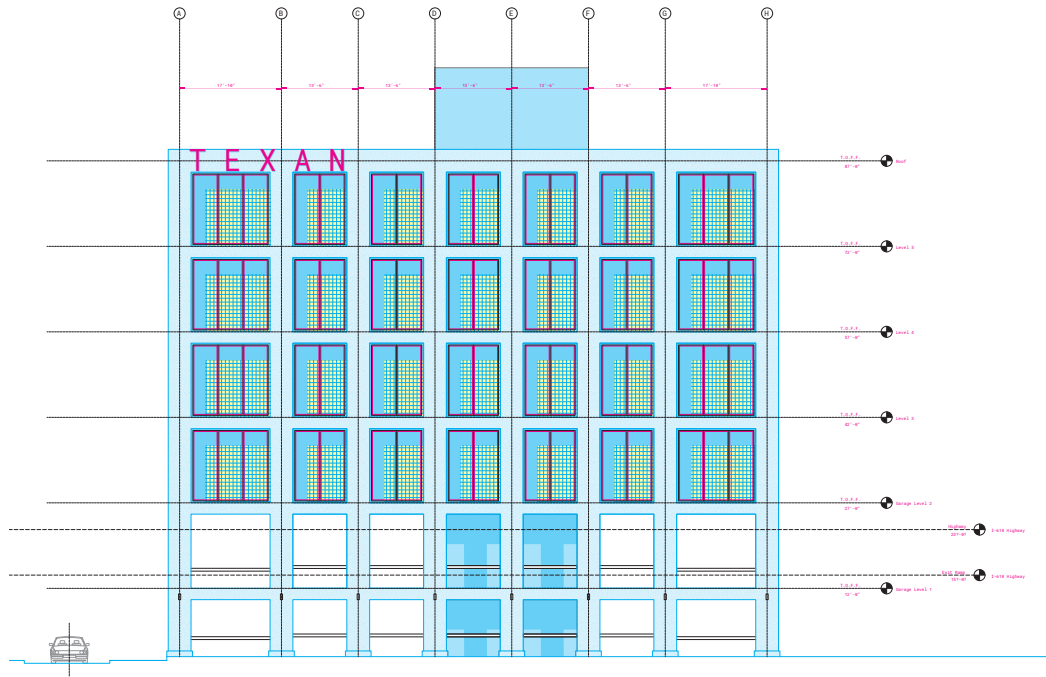
Normally, the architectural plan assumes it is the progenitor, and as such, our understanding of architectural partition remains more or less geological. Objects, occupants and program act in compression on the slab below. Furniture becomes sediment, and people become sedentary. The plan is a managerial tool that produces an architecture of habit. The suspended ceiling and services act in tension and operate meteorologically. An architecture of suspense identifies the potency of a ceiling pregnant with program and form; suspense acts to critique the undifferentiated condition of the open plan office type and the jurisdiction of the universal subject of modernism.



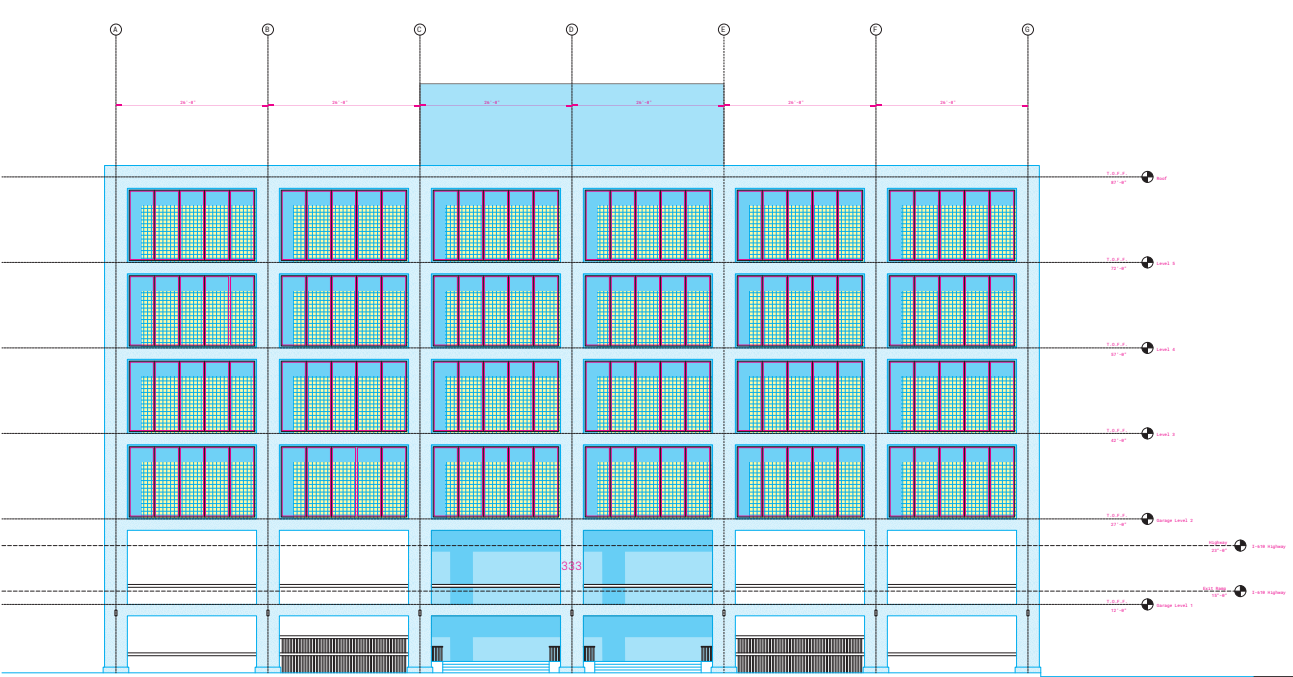
NORTH ELEVATION

EAST ELEVATION

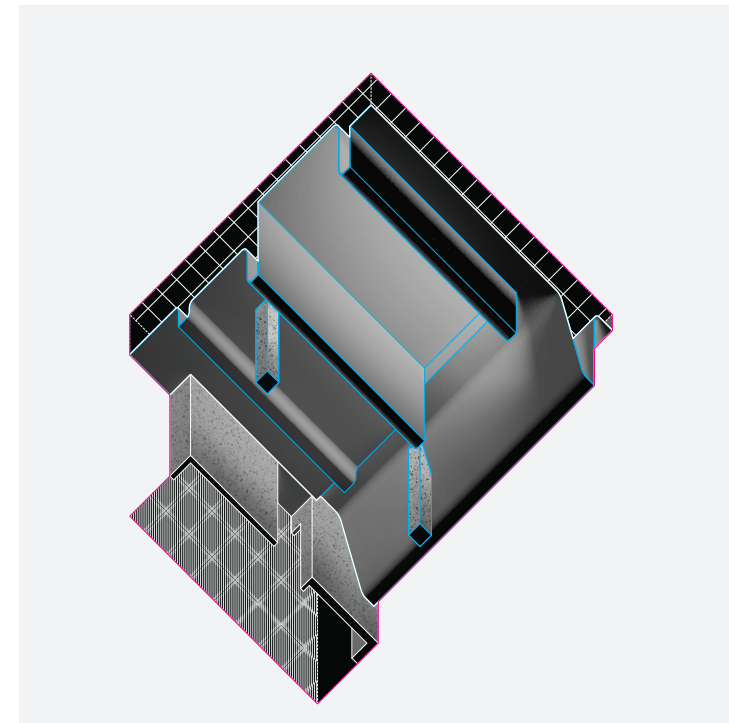
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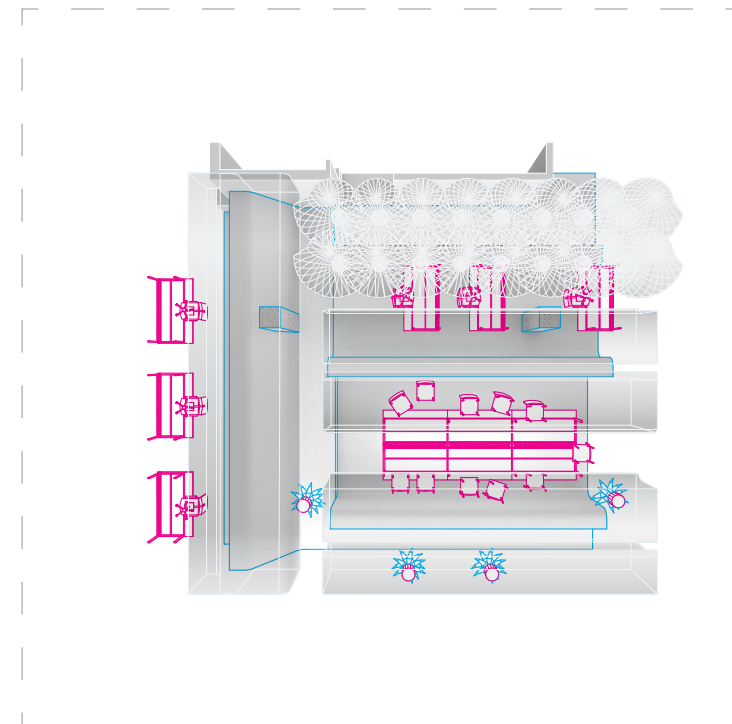
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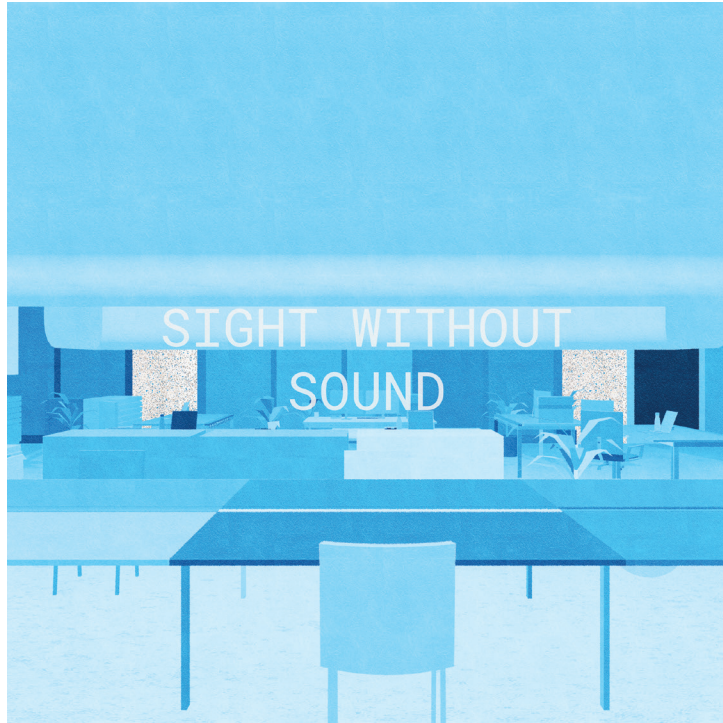
EPISODE 3, OPEN AND CLOSED
Loosely Bound Program



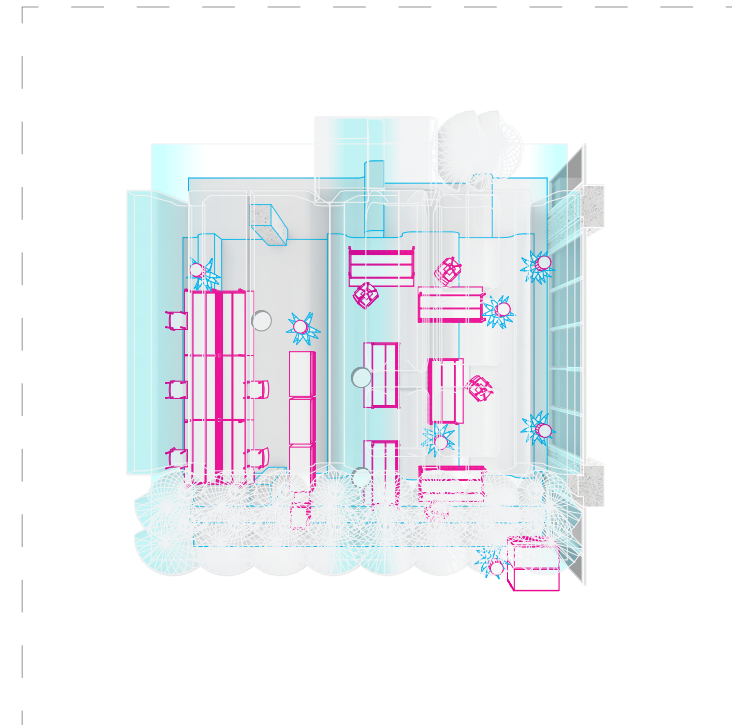
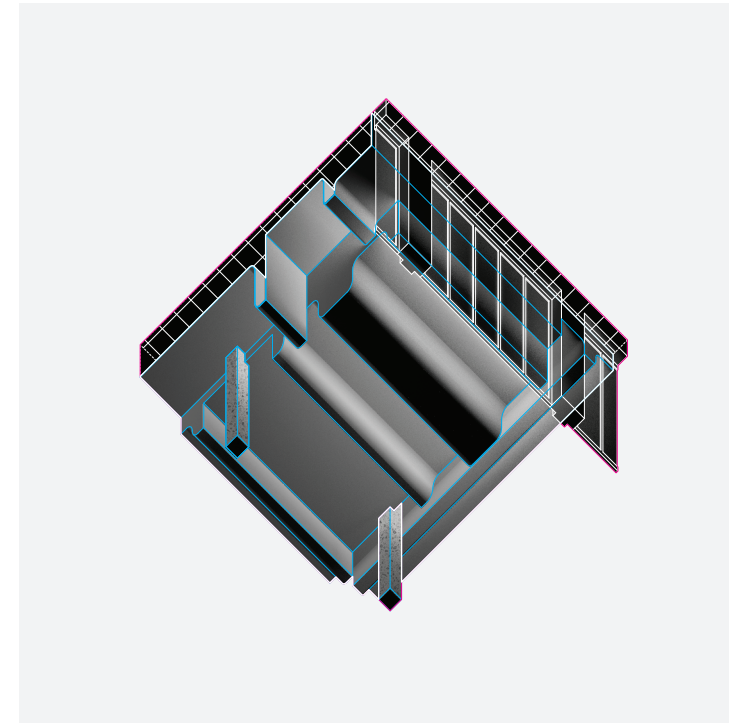
SEVEN PEOPLE NOISELESSLY PREPARE SIX TABLES FOR A CONFERENCE. BEYOND THEM, THERE ARE EIGHT OFFICE PLANTS AND THREE BAYS OF FIVE WINDOWS. WHEN THEY SPEAK, THEIR VOICES ARE MUFFLED, BUT THE PRESENTATION ON THE CEILING IS CLEARLY VISIBLE. BEHIND THE FOLD, FOUR PEOPLE RESEARCH INFORMATION ABOUT NEW INLAND PORTS IN TENNESSEE AND GEORGIA. THE PRESENTATION APPEARS BEHIND THEM IN REVERSE. DISTRACTED, THEY TURN TO WATCH.



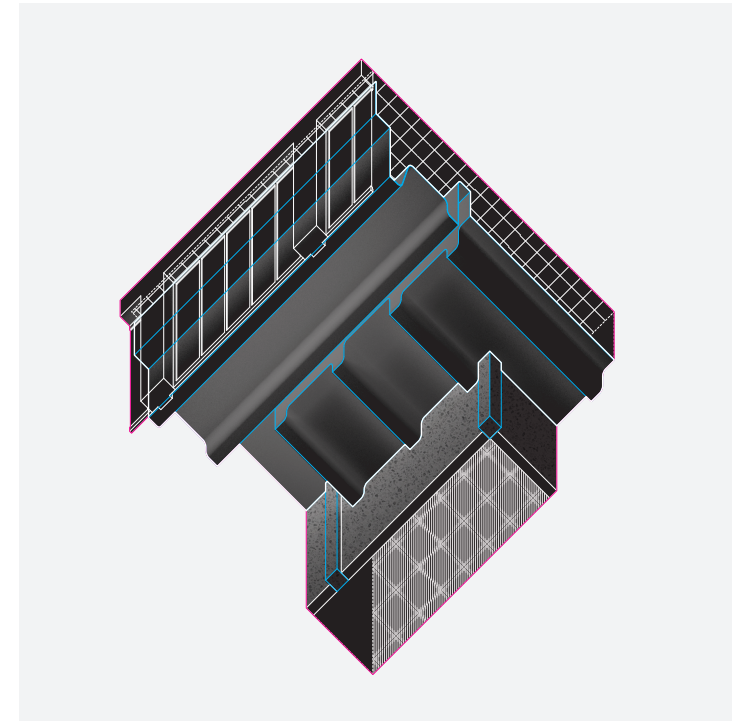
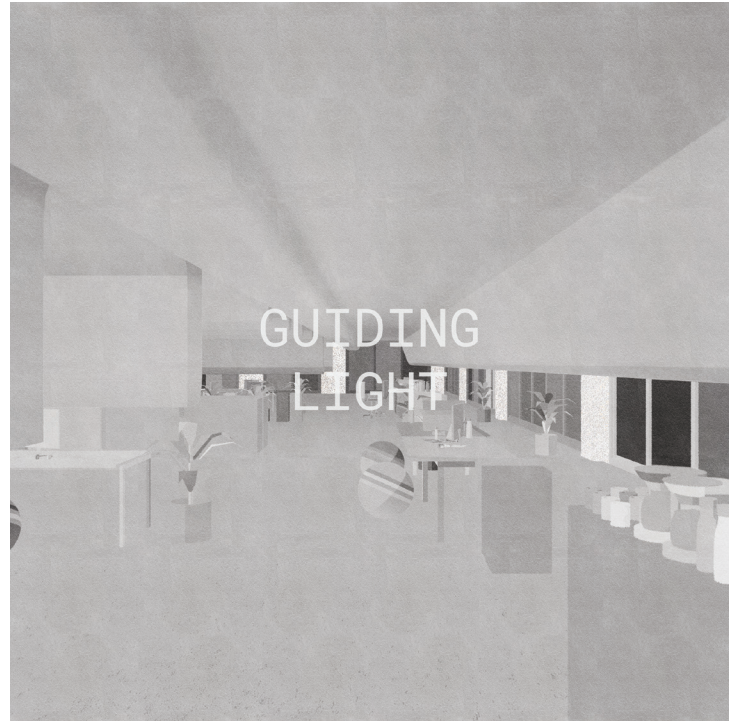
EPISODE 4, SIGHT WITHOUT SOUND
Multiple Sensorial Occlusion



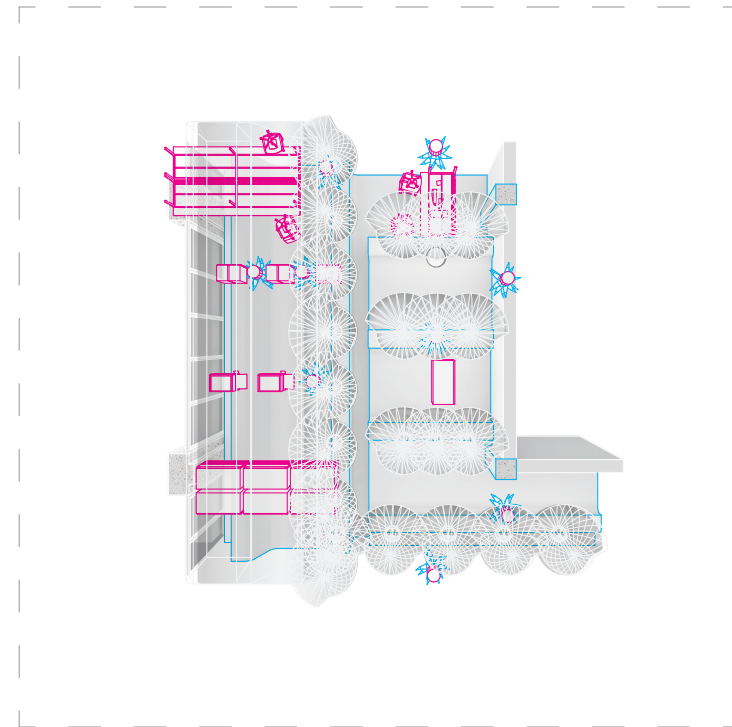
FIFTEEN DESKS IN A ROW. SOMEONE RETURNS FROM THE MICROWAVE WITH A GLASS TUPPERWARE AND OPENS IT. YOU CAN SEE WHAT THEY BROUGHT, BUT YOU CAN'T SMELL IT. IT LOOKS GOOD. DESKS ARE SEPARATED BY GAPS PRODUCED BY RETURN AIR DUCTS AND SPEAKERS. BEHIND YOU, A PARENT TAKES A CALL ABOUT THEIR CHILD. THEY STEP INTO A CLOUD OF PINK NOISE UNDER A LOW FOLD IN THE CEILING. IN THE SPACE OF INTERFERENCE, THEIR VOICE DISAPPEARS. UNDER THE HIGH CEILING, WALKING TOWARD AN EAST-FACING WINDOW, YOU PASS THE SMELL OF CHICKEN OVER RICE. THE DISTANCE OF DIFFUSION IS THE SIZE OF THE ROOM.



EPISODE 5, GUIDING LIGHT
Fluorescent Fallout and Task Zones

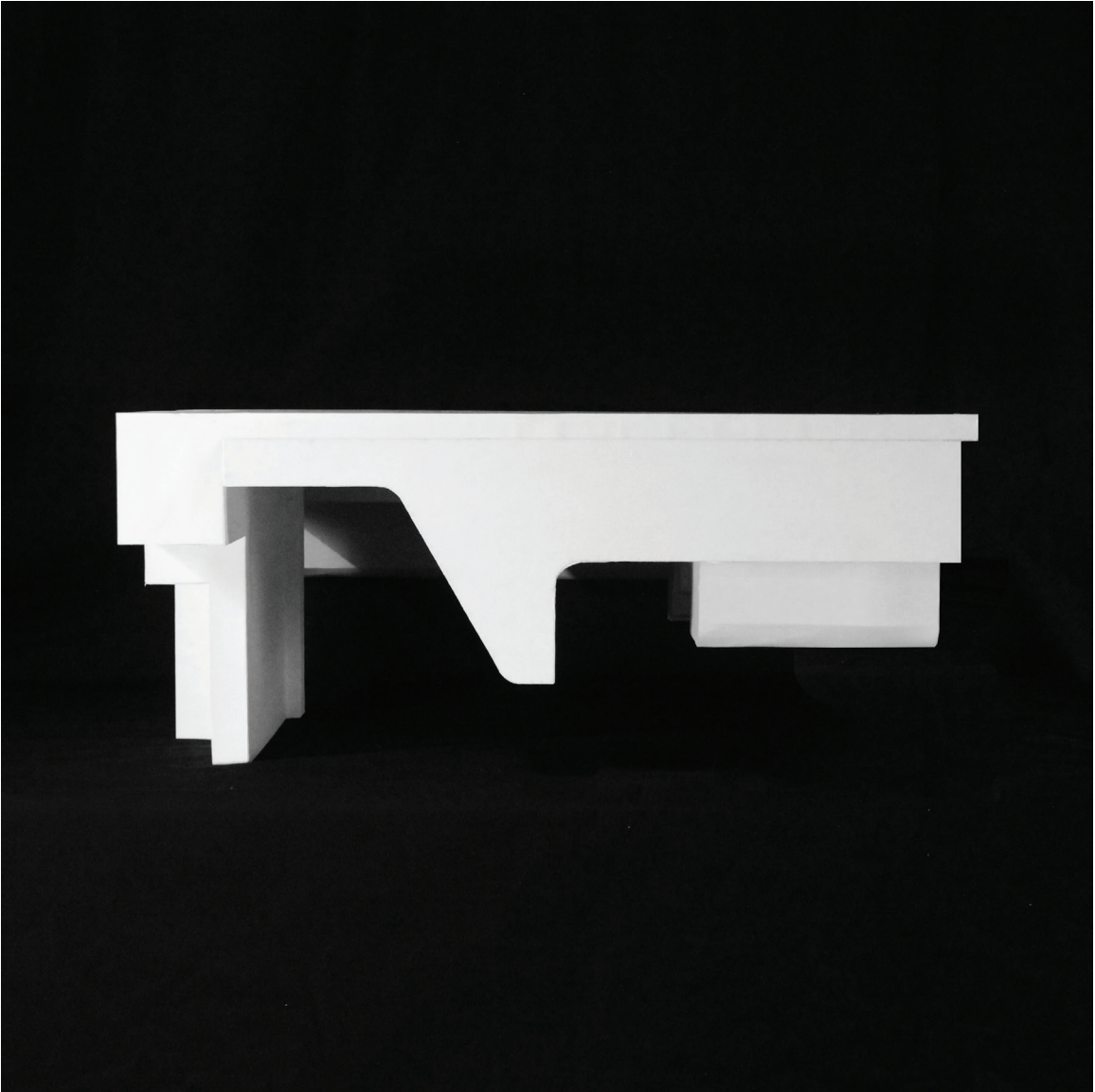


AT THREE PM, SUNLIGHT FROM THE WEST PROJECTS SIX ROOMS ONTO A FOLD IN THE CEILING. ROOMS HAVE FOUR LINES AND ARE SEPARATED FROM EACH OTHER BY A THICK, DARK BAND, A PROJECTION OF THE EXTERIOR WALL. DEPENDING ON THE TIME OF YEAR, THESE ROOMS EXIST FOR ABOUT FOUR HOURS EACH DAY. A HIGH CEILING IS A HALLWAY THAT RUNS THE LENGTH OF THE BUILDING. ACROSS IT, THE CEILING DIPS EIGHT TIMES ALONG THE LENGTH OF A WALL. THERE ARE EIGHT AREAS WITH BRIGHT TASK LIGHTING AND EIGHT DIMMER AREAS IN BETWEEN. I PREFER THE DIM AREAS BUT SOMETIMES I USE A DESK LIGHT.





MODEL PHOTO
 Wormseye View
 Model Scale: 3/8"=1'



MODEL PHOTO
 Elevation/Section
 Model Scale: 3/8"=1'



MODEL PHOTO
 Perspective
 Model Scale: 3/8"=1'



MODEL PHOTO
 Perspective
 Model Scale: 3/8"=1'



MODEL PHOTO
Perspective
Model Scale: 3/8"=1'

“Inside the unobstructed space of the daylight factory it was possible to reduce men and raw materials to measurable parameters in order to prevent congestion and, especially, worker insubordination. Here we can see clearly the relationship between the abstraction of the open floor and the logic of labor power. Unlike Aristotle’s and Arendt’s definitions of labor as a biological process of reproduction restricted to the private realm of the house, labor power is no longer restricted to one sphere of the human condition, but rather represents its totality.”

Pier Vittorio Aureli, *The Dom-ino Problem*

Appendix B: Resources

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Source Dossier



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Appendix B is a messy, abridged textbook that clips primary and secondary resources and reassembles them. The text is a collage that is meant to be read continuously. There are moments of confluence in the text where chunks of contiguous knowledge rub neatly against each other and there are moments of awkward adjacency. None of the texts quoted are explicitly or intentionally about suspense, but have been repurposed and reframed. In their realignment, a fuzzy conception of suspense emerges.

Keep in mind, this text is preliminary and provisional. Nonetheless, the sequence of excerpts, which beg to be added to and refined, represent the formulation of a disciplinary critique.

